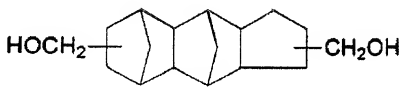
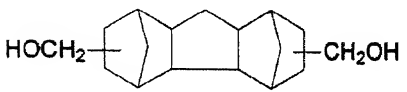
WHAT IS CLAIMED IS:

1. A process for producing a polycarbonate resin which comprises performing melt polycondensation of pentacyclopentadecanedimethanol represented by the following general formula (1) and/or the following general formula (2) or pentacyclopentadecane-dimethanol represented by the general formula (1) and/or the general formula (2) and diol represented by the following general formula (3) with carbonic acid diester in the presence of a catalyst containing at least one compound selected from the group consisting of zinc compounds, tin compounds, lead compounds, zirconium compounds and hafnium compounds;



(1)



(2)

$HOCH_2—X—CH_2OH$ (3)

wherein X is an alkylene group having 3 to 14 carbon atoms or a cycloalkylene group having 4 to 14 carbon atoms.

2. The process according to claim 1, wherein said catalyst is at least one compound selected from the group consisting of the general formulas ZnY_2, SnY_2, SnY_4, R_2SnO, R_2SnY_2, $R_2Sn(OR')_2$, PbY_2, PbY_4, $ZrOY_2$, ZrY_4, $Zr(OR)_4$, HfY_4 and $Hf(OR)_4$ in which Y is a halogen atom, a carboxyl group having 1 to 18 carbon atoms, an acetylacetonate group or a hydrogen atom and R and R' are, each independently, an alkyl group having 1 to 4 carbon atoms or an aryl group having 6 to 10 carbon atoms.

3. The process according to claim 1, wherein said catalyst is at least one compound selected from the group consisting of zinc acetate, zinc benzoate, zinc acetylacetonate, tin acetate, tin chloride, dibutyltin oxide, dibutyltin laurate, lead acetate, zirconium oxyacetate, zirconium acetylacetonate, zirconium chloride, zirconium phenoxide, zirconium butoxide and hafnium acetylacetonate.

4. The process according to claim 1, wherein an

amount of said catalyst is 10^{-9} to 10^{-3} mol to sum total 1 mol of pentacyclopentadecanedimethanol represented by the general foumula (1) and/or the general formula (2) and diol represented by the general formula (3).